

# Multiplying Fractions

## Practice 6-1

Draw a model to find each product.

1.  $\frac{1}{6} \times \frac{3}{4}$

2.  $\frac{2}{5} \times \frac{1}{2}$

Find each product.

3.  $\frac{3}{5}$  of 10

4.  $\frac{1}{4}$  of 12

5.  $\frac{2}{3}$  of 6

6.  $\frac{5}{6}$  of  $\frac{3}{8}$

7.  $\frac{3}{5}$  of  $\frac{1}{2}$

8.  $\frac{3}{4}$  of 12

9.  $\frac{3}{16}$  of 8

10.  $\frac{1}{2} \times \frac{5}{6}$

11.  $\frac{3}{4} \times \frac{7}{8}$

12.  $\frac{3}{5}$  of  $\frac{3}{4}$

13.  $\frac{1}{2} \cdot \frac{1}{3}$

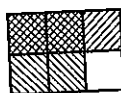
14.  $\frac{1}{8} \times \frac{3}{4}$

15.  $\frac{2}{3}$  of  $\frac{1}{4}$

16.  $\frac{2}{5} \cdot \frac{1}{2}$

17.  $\frac{1}{4}$  of  $\frac{4}{5}$

18. What product does the model represent?



Solve.

19. A kitten eats  $\frac{1}{4}$  cup of cat food. Another cat in the same household eats 6 times as much. How much food does the cat eat?

20. You brought home  $\frac{1}{2}$  of a can of paint. You then used  $\frac{2}{3}$  of the paint to cover a table top. What fraction of a full can of paint did you use?